



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:
A23K 3/63, 3/00

A1

(11) International Publication Number: WO 00/53033

(43) International Publication Date: 14 September 2000 (14.09.00)

(21) International Application Number: PCT/NO00/00079

(22) International Filing Date: 6 March 2000 (06.03.00)

(30) Priority Data: 19991111 8 March 1999 (98.03.99) NO

(71) Applicant (for all designated States except US), NORSK HYDRO ASA [NO/NO]; N-0240 Oslo (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): AASBØ, Kari [NO/NO]; Børsesjøveien 181, N-3719 Skien (NO). BREIVIK, Harald [NO/NO]; Uranusveien 22, N-3942 Skjelsvik (NO).

(74) Agent: SANDBU, Elisabeth, Dahl; Norsk Hydro ASA, N-0240 Oslo (NO). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Rublished

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: A NEW SILAGE AID, PROCESS FOR PREPARING THIS SILAGE AID AND USE OF THIS SILAGE AID

(57) Abstract

This invention relates to a new silage aid, process for preparation of this silage aid and use of the silage aid. The silage aid comprises at least one antioxidant selected from the group 2,6-di-tert-butyl-4-methylphenol (BHT), 3-tert-butyl-4-hydroxyanisole (BHA), tert-butylhydroquinone (TBHQ), tocopherol and gallates; at least one short chain carboxylic acid; and optionally at least one salt of said acid. These antioxidants are food approved. The present silage aid is useful for preservation of organic by-products, and particularly for protection of fish oil during a fish silage process.

9/28/03